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#35
AU 1816
DATE: 02/05/97 2/1/97
TIME: 13:37:54
RAW SEQUENCE LISTING
PATENT APPLICATION US/08/757,958

INPUT SET: S2833.raw

**This Raw Listing contains the General
Information Section and up to the first 5 pages.**

SEQUENCE LISTING

(1) General Information:

ENTERED

(i) APPLICANT: Weiner, Amy J.
Houghton, Michael(ii) TITLE OF INVENTION: Conserved Motif of Hepatitis C Virus
E2/NS1 Region

(iii) NUMBER OF SEQUENCES: 133

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Chiron Corporation
(B) STREET: 4560 Horton Street
(C) CITY: Emeryville
(D) STATE: CA
(E) COUNTRY: USA
(F) ZIP: 94608-2916

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US/08/757,958
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/061,699
(B) FILING DATE: 12-MAY-1993

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Goldman, Kenneth M.
(B) REGISTRATION NUMBER: 34,174
(C) REFERENCE/DOCKET NUMBER: 0938.001

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 510-601-2719
(B) TELEFAX: 510-655-3542

(2) INFORMATION FOR SEQ ID NO:1:

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47
48 (i) SEQUENCE CHARACTERISTICS:
49 (A) LENGTH: 6 amino acids
50 (B) TYPE: amino acid
51 (C) STRANDEDNESS: single
52 (D) TOPOLOGY: linear
53
54 (ii) MOLECULE TYPE: peptide
55
56
57 (ix) FEATURE:
58 (A) NAME/KEY: Xaa
59 (B) LOCATION: 1
60 (D) OTHER INFORMATION: /label= variable
61 /note= "Represents Ala, Arg, Asp, Gly, Lys, Ser,
62 or Thr"
63
64 (ix) FEATURE:
65 (A) NAME/KEY: Xaa
66 (B) LOCATION: 2
67 (D) OTHER INFORMATION: /label= variable
68 /note= "Represents Ile, Leu, Met, Phe or Trp"
69
70 (ix) FEATURE:
71 (A) NAME/KEY: Xaa
72 (B) LOCATION: 3
73 (D) OTHER INFORMATION: /label= variable
74 /note= "Represents Leu or Phe"
75
76 (ix) FEATURE:
77 (A) NAME/KEY: Xaa
78 (B) LOCATION: 6
79 (D) OTHER INFORMATION: /label= variable
80 /note= "Represents Ala or Gly"
81
82
83 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
84
85 Xaa Xaa Xaa Xaa Xaa Xaa
86 1 5
87
88 (2) INFORMATION FOR SEQ ID NO:2:
89
90 (i) SEQUENCE CHARACTERISTICS:
91 (A) LENGTH: 32 amino acids
92 (B) TYPE: amino acid
93 (C) STRANDEDNESS: single
94 (D) TOPOLOGY: linear
95
96 (ii) MOLECULE TYPE: peptide
97
98 (ix) FEATURE:
99 (A) NAME/KEY: Xaa

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100 (B) LOCATION: 2
101 (D) OTHER INFORMATION: /label= Xaa=Ahe
102 /note= 2-amino heptanoic is butyl alanine
103
104
105 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
106
107 Cys Xaa Glu Thr His Val Thr Gly Gly Ser Ala Gly His Thr Val Ser
108 1 5 10 15
109
110 Gly Phe Val Ser Leu Leu Ala Pro Gly Ala Lys Gln Asn Val Gln Leu
111 20 25 30
112
113 (2) INFORMATION FOR SEQ ID NO:3:
114
115 (i) SEQUENCE CHARACTERISTICS:
116 (A) LENGTH: 5 amino acids
117 (B) TYPE: amino acid
118 (C) STRANDEDNESS: single
119 (D) TOPOLOGY: linear
120
121 (ii) MOLECULE TYPE: peptide
122
123
124
125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
126
127 Val Ser Leu Leu Ala
128 1 5
129
130 (2) INFORMATION FOR SEQ ID NO:4:
131
132 (i) SEQUENCE CHARACTERISTICS:
133 (A) LENGTH: 7 amino acids
134 (B) TYPE: amino acid
135 (C) STRANDEDNESS: single
136 (D) TOPOLOGY: linear
137
138 (ii) MOLECULE TYPE: peptide
139
140
141
142 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
143
144 Ser Leu Leu Ala Pro Gly Ala
145 1 5
146
147 (2) INFORMATION FOR SEQ ID NO:5:
148
149 (i) SEQUENCE CHARACTERISTICS:
150 (A) LENGTH: 5 amino acids
151 (B) TYPE: amino acid
152 (C) STRANDEDNESS: single

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153 (D) TOPOLOGY: linear
154
155 (ii) MOLECULE TYPE: peptide
156
157
158
159 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
160
161 Leu Ala Pro Gly Ala
162 1 5
163
164 (2) INFORMATION FOR SEQ ID NO:6:
165
166 (i) SEQUENCE CHARACTERISTICS:
167 (A) LENGTH: 7 amino acids
168 (B) TYPE: amino acid
169 (C) STRANDEDNESS: single
170 (D) TOPOLOGY: linear
171
172 (ii) MOLECULE TYPE: peptide
173
174
175 (ix) FEATURE:
176 (A) NAME/KEY: Xaa
177 (B) LOCATION: 7
178 (D) OTHER INFORMATION: /label= variable
179 /note= "Represents Ala, Pro or Ser"
180
181
182 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
183
184 Ser Leu Leu Xaa Xaa Gly Xaa
185 1 5
186
187 (2) INFORMATION FOR SEQ ID NO:7:
188
189 (i) SEQUENCE CHARACTERISTICS:
190 (A) LENGTH: 7 amino acids
191 (B) TYPE: amino acid
192 (C) STRANDEDNESS: single
193 (D) TOPOLOGY: linear
194
195 (ii) MOLECULE TYPE: peptide
196
197
198 (ix) FEATURE:
199 (A) NAME/KEY: Xaa
200 (B) LOCATION: 7
201 (D) OTHER INFORMATION: /label= variable
202 /note= "Represents Ala, Pro or Ser"
203
204
205 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

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206
207 Ser Leu Phe Xaa Xaa Gly Xaa
208 1 5
209
210
211 (2) INFORMATION FOR SEQ ID NO:8:
212
213 (i) SEQUENCE CHARACTERISTICS:
214 (A) LENGTH: 31 amino acids
215 (B) TYPE: amino acid
216 (C) STRANDEDNESS: single
217 (D) TOPOLOGY: linear
218
219 (ii) MOLECULE TYPE: peptide
220
221
222
223
224 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
225
226 Xaa Thr Xaa Val Thr Gly Gly Xaa Ala Ala Arg Thr Thr Xaa Gly Xaa
227 1 5 10 15
228
229 Xaa Ser Leu Phe Xaa Xaa Gly Xaa Ser Gln Xaa Ile Gln Leu Ile
230 20 25 30
231
232
233 (2) INFORMATION FOR SEQ ID NO:9:
234
235 (i) SEQUENCE CHARACTERISTICS:
236 (A) LENGTH: 31 amino acids
237 (B) TYPE: amino acid
238 (C) STRANDEDNESS: single
239 (D) TOPOLOGY: linear
240
241 (ii) MOLECULE TYPE: peptide
242
243
244
245
246 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
247
248 Ala Thr Tyr Ala Thr Gly Ala Ala Gln Gly His Ala Thr Asn Ser Phe
249 1 5 10 15
250
251 Val Ser Leu Phe Arg Ser Gly Ala Ser Gln Asn Leu Lys Leu Val
252 20 25 30
253
254 (2) INFORMATION FOR SEQ ID NO:10:
255
256 (i) SEQUENCE CHARACTERISTICS:
257 (A) LENGTH: 31 amino acids
258 (B) TYPE: amino acid

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SEQUENCE VERIFICATION REPORT
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Original Text